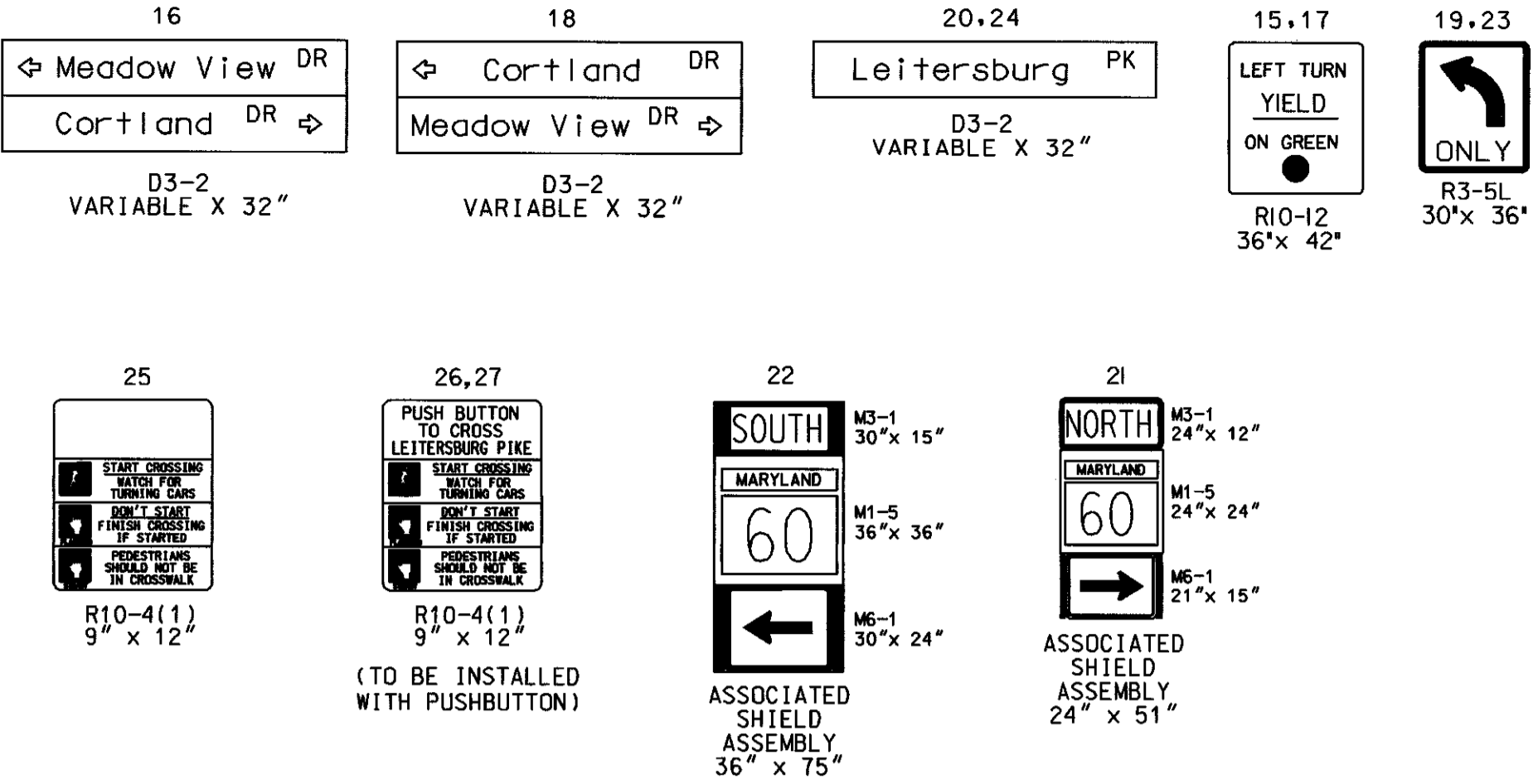
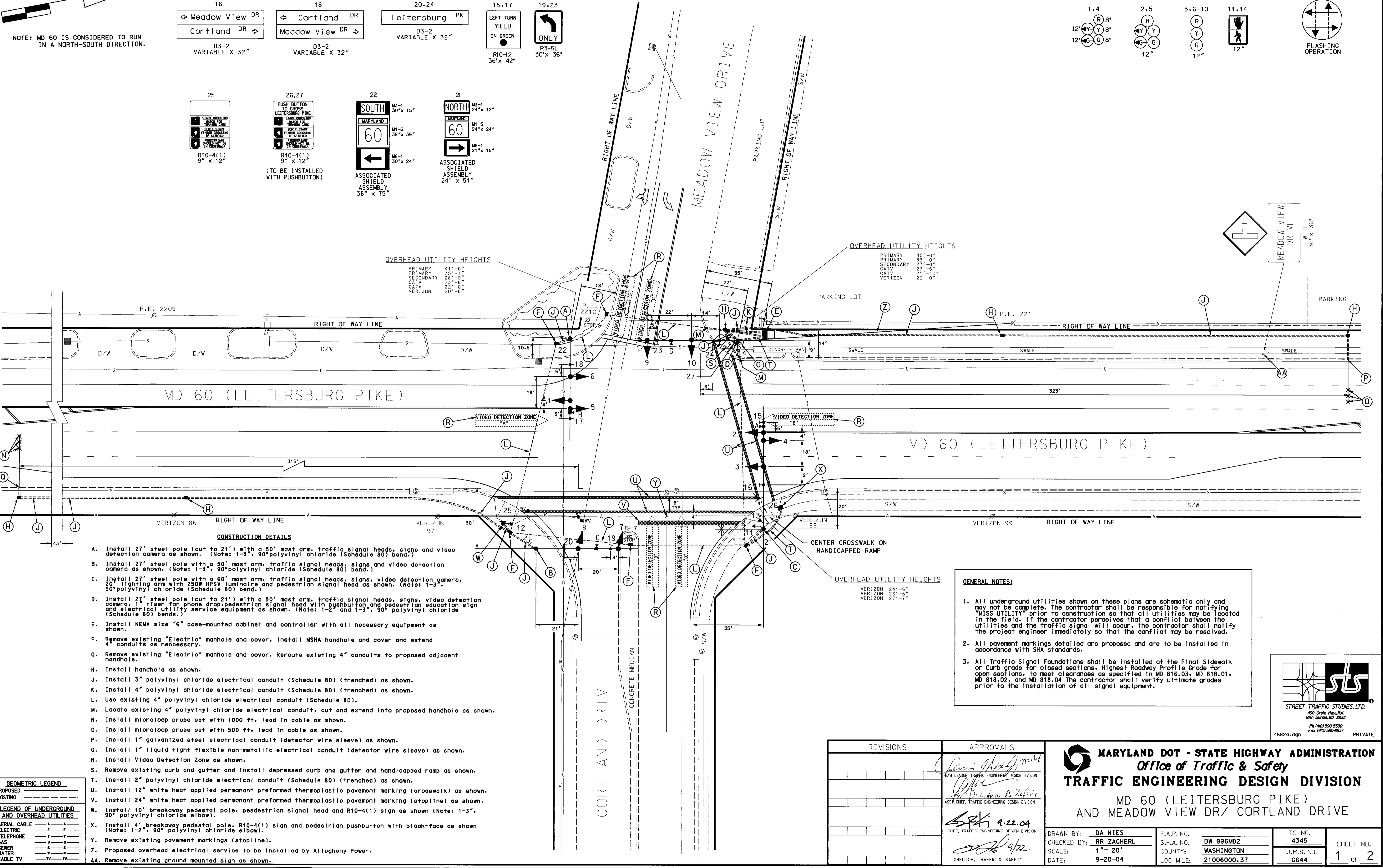
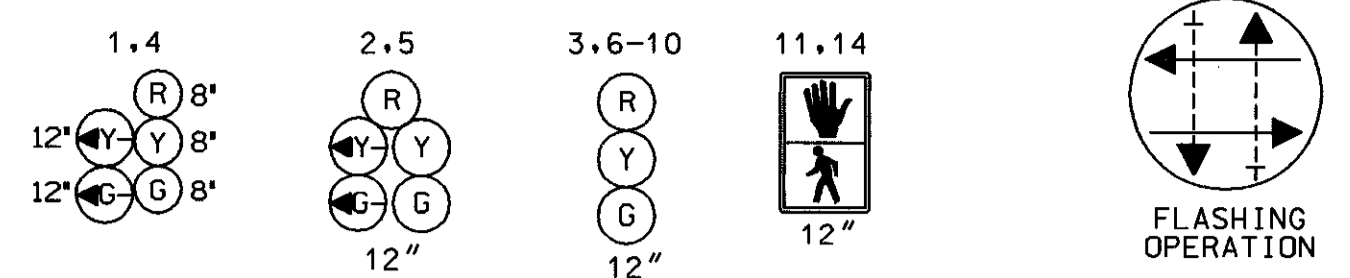


PROPOSED SIGNS



PROPOSED SIGNALS



- CONSTRUCTION DETAILS**
- A. Install 27' steel pole (cut to 21') with a 50' mast arm, traffic signal heads, signs and video detection camera as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
  - B. Install 27' steel pole with a 50' mast arm, traffic signal heads, signs and video detection camera as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
  - C. Install 27' steel pole with a 50' mast arm, traffic signal heads, signs, video detection camera, 20' lighting arm with 250W HPSV luminaire and pedestrian signal head as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
  - D. Install 27' steel pole (cut to 21') with a 50' mast arm, traffic signal heads, signs, video detection camera, 1' riser for phone drop, pedestrian signal head with pushbutton and pedestrian education sign and electrical utility service equipment as shown. (Note: 1-2" and 1-3", 90° polyvinyl chloride (Schedule 80) bends.)
  - E. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.
  - F. Remove existing "Electric" manhole and cover, install MSHA handhole and cover and extend 4" conduits as necessary.
  - G. Remove existing "Electric" manhole and cover. Reroute existing 4" conduits to proposed adjacent handhole.
  - H. Install handhole as shown.
  - J. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) as shown.
  - K. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched) as shown.
  - L. Use existing 4" polyvinyl chloride electrical conduit (Schedule 80).
  - M. Locate existing 4" polyvinyl chloride electrical conduit, cut and extend into proposed handhole as shown.
  - N. Install microloop probe set with 1000 ft. lead in cable as shown.
  - O. Install microloop probe set with 500 ft. lead in cable as shown.
  - P. Install 1" galvanized steel electrical conduit (detector wire sleeve) as shown.
  - Q. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve) as shown.
  - R. Install Video Detection Zone as shown.
  - S. Remove existing curb and gutter and install depressed curb and gutter and handicapped ramp as shown.
  - T. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched) as shown.
  - U. Install 12" white heat applied permanent preformed thermoplastic pavement marking (crosswalk) as shown.
  - V. Install 24" white heat applied permanent preformed thermoplastic pavement marking (stopline) as shown.
  - W. Install 10' breakaway pedestal pole, pedestrian signal head and R10-4(1) sign as shown (Note: 1-3", 90° polyvinyl chloride elbow).
  - X. Install 4' breakaway pedestal pole, R10-4(1) sign and pedestrian pushbutton with black-face as shown (Note: 1-2", 90° polyvinyl chloride elbow).
  - Y. Remove existing pavement markings (stopline).
  - Z. Proposed overhead electrical service to be installed by Allegheny Power.
  - AA. Remove existing ground mounted sign as shown.

- GENERAL NOTES:**
- All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
  - All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
  - All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections, Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.



REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASSISTANT CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
**Office of Traffic & Safety**  
**TRAFFIC ENGINEERING DESIGN DIVISION**

MD 60 (LEITERSBURG PIKE)  
AND MEADOW VIEW DR/ CORTLAND DRIVE

DRAWN BY: DA NIES	F.A.P. NO. 4345	TS NO. 4345
CHECKED BY: RR ZACHERL	S.H.A. NO. WASHINGTON	T.I.M.S. NO. 6644
SCALE: 1" = 20'	COUNTY: LOG MILE: 21006000.37	SHEET NO. 1 OF 2
DATE: 9-20-04		